

App #: 10-709227

EAST SEARCH HISTORY

Databases: US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/709227
S2	40409	laser and image and pattern and reflect\$4 and @pd<"20040222"
S3	282	(382/210).CCLS.
S4	160	S3 and laser
S5	104	S4 and image and pattern and reflect\$4
S6	33	((project\$4 or radiat\$4 or direct\$4) near laser near pattern) same reflect\$4 and @pd<"20040422"
S8	5	S7 and reflect\$4 and pattern
S7	13	("2877354" "4063815" "4168908" "4324491" "4577962" "4671654" "4825055" "5007736" "5088818" "5196688" "5378888" "5612503").PN.
S19	442	S18 and time
S18	477	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern)
S20	255	S19 and (receiv\$4 same signal)
S21	1024	laser and image and pattern and reflect\$4 and @pd<"20040222" and multiple and signals and ((three adj dimension\$2) or "3d" or "3-d") and holograph\$2
S9	1	laser and image and reflect\$4 and @pd<"20040222" and ((disc or oscillat\$4) near pattern near rotat\$4) and holograph\$4
S22	198	S21 and ((project\$4 or radiat\$4 or direct\$4) near pattern)
S23	81	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and ((project\$4 or radiat\$4 or direct\$4) near laser same pattern) and plurality and surface
S24	664	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and (project\$4 or radiat\$4 or direct\$4) and plurality and surface and (peak or spike or pulse)
S10	223	laser and image and reflect\$4 and @pd<"20040222" and ((disc or oscillat\$4) same pattern same rotat\$4) and holograph\$4
S25	106	S24 and (combin\$4 near (signals or responses))
S26	229	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and (project\$4 or radiat\$4 or direct\$4) and plurality and surface and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse
S15	151	(356/457).CCLS.
S16	45	S15 and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern)
S30	276	(surface near image) and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S27	13	surface.ti. and image and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S28	11	(surface near image) and holograph\$2.ti. and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S29	7	(surface near image) and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d").ti. and pulse and pattern
S31	107	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and pattern and reflect\$4 and @pd<"20040422" and time and ((plurality or series or sequence) near pulses)

S32 393 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and (reflect\$4 near surface) and @pd<"20040422" and time and pulses
 S33 1 (US-6115123-\$).did.
 S34 1 S33 and store\$2 and processor
 S11 207 S10 and time
 S13 165 S10 and time and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern) not S12
 S12 2 S10 and time and ((project\$4 or radiat\$4 or direct\$4) near laser near pattern)
 S14 5 ("6115123").URPN.
 S17 6 ("4120559").URPN.
 S35 1 hologram and (pulse near ("1" or "2" or "3" or one or two or three) near ((nanoseconds) or ns or nanos))
 S36 1 hologram and (pulse near ("1" or "2" or "3" or one or two or three or few) near ((nanoseconds) or ns or nanos or nsec or nanosec))
 S37 204 (pulse near ("1" or "2" or "3" or one or two or three or few) near ((nanoseconds) or ns or nanos or nsec or nanosec))
 S38 96 S37 and laser
 S40 422 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and mirror and reflector and "fiber optic"
 S39 970 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and (mirror or reflector) and "fiber optic"
 S41 6 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and mirror and reflector and "fiber optic"
 S42 48 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and mirror and "fiber optic" not S41
 S43 0 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and (computer near "fiber optic"))
 S47 13 holograph\$2 and laser and (computer near "fiber optic")
 S44 0 (((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and (computer near "fiber optics"))
 S45 0 holograph\$2.ti.and laser and (computer near "fiber optic")
 S46 31 holograph\$2and laser and (computer near "fiber optic")
 S48 103 laser and hologra\$4 and (predetermined adj2 frequencies)
 S59 1433 ((creat\$3 or generat\$3) near pattern) and beam and laser and disc and surface
 S60 572 S59 and encod\$4
 S54 6 (((micro adj structure\$1) or microstructure\$1) adj (device or laser)) near pulse
 S53 199 (((micro adj structure\$1) or microstructure\$1) adj (device or laser)) same (laser or pulse)
 S51 0 (((micro adj structure\$1) or microstructure\$1) adj device) near (laser or pulse)
 S61 187 S60 and @pd<"20020422"
 S52 15 (((micro adj structure\$1) or microstructure\$1) adj device) same (laser or pulse)
 S58 17419 pattern and laser and disc and (rotat\$3 or spin\$3)
 S49 18 ((micro adj structure\$1) adj device) and laser
 S55 35 (((micro adj structure\$1) or microstructure\$1) adj2 pattern) same laser
 S62 61 S61 and hologra\$5
 S56 23 (((micro adj structure\$1) or microstructure\$1) adj2 pattern) and laser and disc
 S57 11 (((micro adj structure\$1) or microstructure\$1) near pattern) and laser and disc and (rotat\$3 or spin\$3)
 S50 124 (((micro adj structure\$1) or microstructure\$1) adj device) and (laser or pulse)
 S76 9 (MORRISON adj RICK)
 S75 49 ("fiber optic" near laser) and pattern and hologra\$6
 S74 13 ("fiber optic" near computer) and laser and hologra\$6
 S66 27 S65 and laser and hologra\$6
 S73 12 ("fiber optic" near computer) and laser and pattern and hologra\$6

S64 51 laser and pattern and "surface relief" and "phase delay"
S72 4 S69 and "fiber optic"
S69 17 (US-20030151785-\$ or US-20030133174-\$).did. or (US-5378888-\$ or US-4224509-\$ or US-4999681-\$ or US-4120559-\$ or US-4657393-\$ or US-5793491-\$ or US-4817434-\$ or US-5184232-\$ or US-5621529-\$ or US-6115123-\$ or US-6476943-\$ or US-6123261-\$ or US-4957367-\$ or US-5113286-\$).did. or (US-3549256-\$).did.
S68 1558 spatial light modulator and laser and hologra\$6 and pattern
S67 22 S65 and laser and hologra\$6 and pattern
S71 5 S70 and pattern
S70 5 S69 and slm
S65 196 LCD spatial light modulator